

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058846.D
 Acq On : 24 Aug 2023 20:04
 Operator : MA/JU
 Sample : 04091-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Aug 25 02:59:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

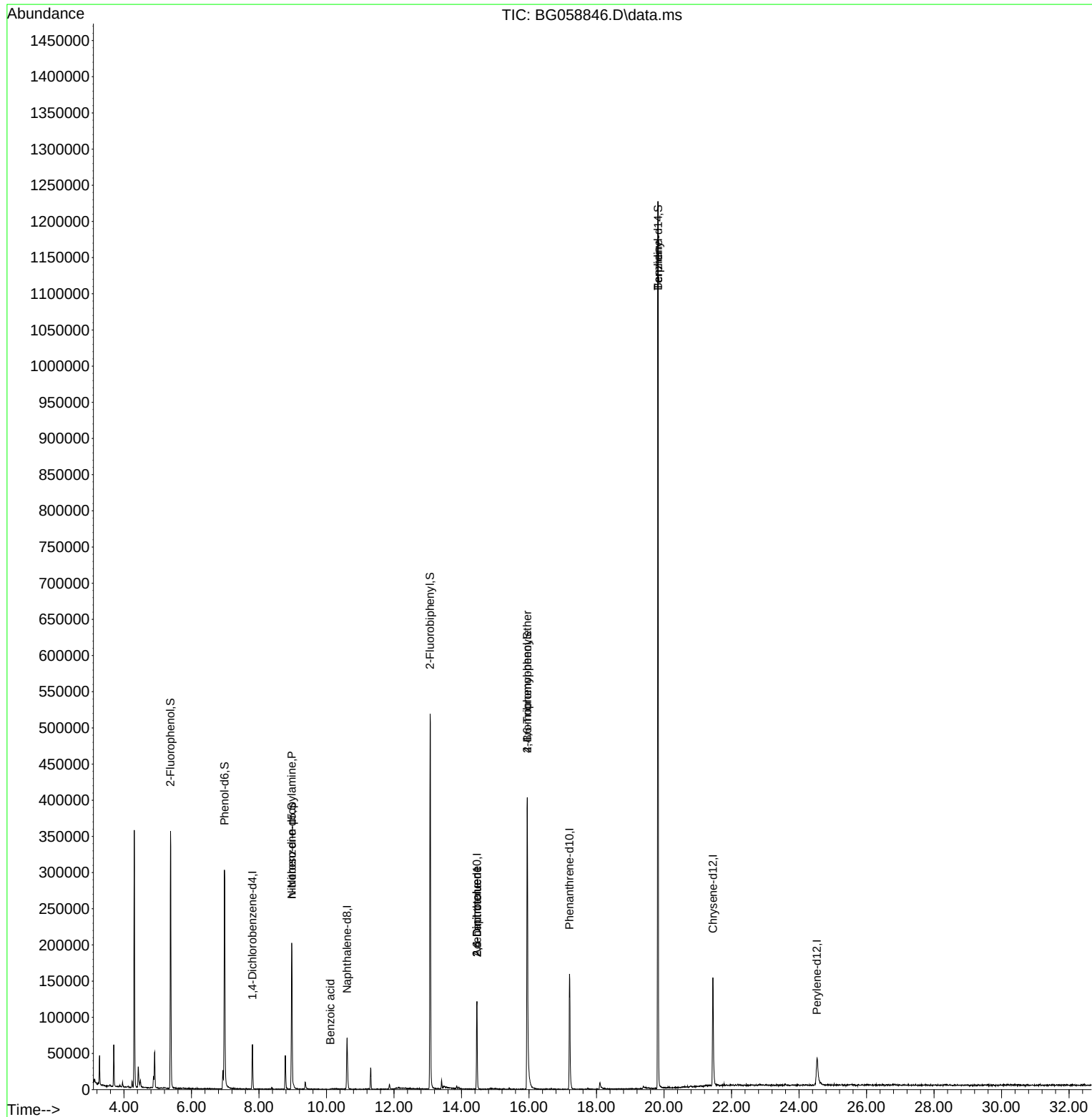
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	16941	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	69443	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	46292	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	130618	20.000	ng	0.00
76) Chrysene-d12	21.449	240	111889	20.000	ng	0.00
86) Perylene-d12	24.527	264	55247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	143325	136.147	ng	0.00
7) Phenol-d6	6.977	99	169509	114.767	ng	0.00
23) Nitrobenzene-d5	8.969	82	127237	88.090	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	115680	159.372	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	306464	96.289	ng	0.00
79) Terphenyl-d14	19.821	244	656149	105.299	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.969	70	16634	17.423	ng	# 70
32) Benzoic acid	10.115	122	116	5.895	ng	# 33
51) 2,6-Dinitrotoluene	14.457	165	5982	7.944	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	5982	5.696	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	7294	5.089	ng	# 1
77) Benzidine	19.821	184	9456	4.716	ng	# 89

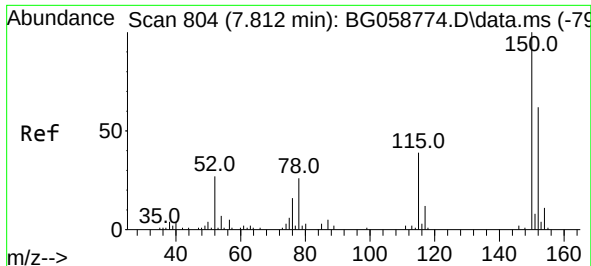
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
Data File : BG058846.D
Acq On : 24 Aug 2023 20:04
Operator : MA/JU
Sample : 04091-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-G

Quant Time: Aug 25 02:59:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

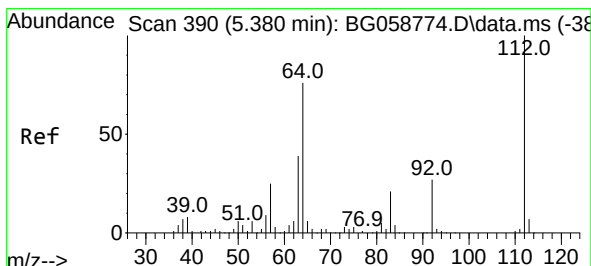
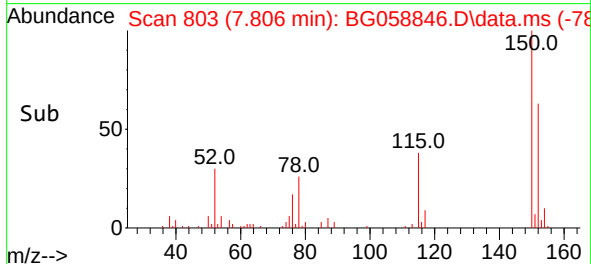
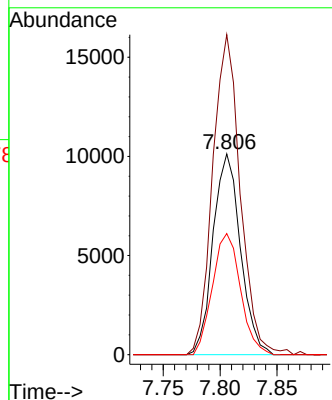
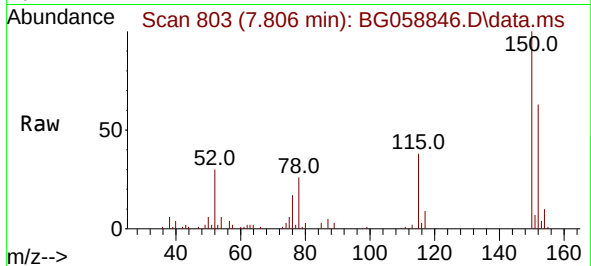




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

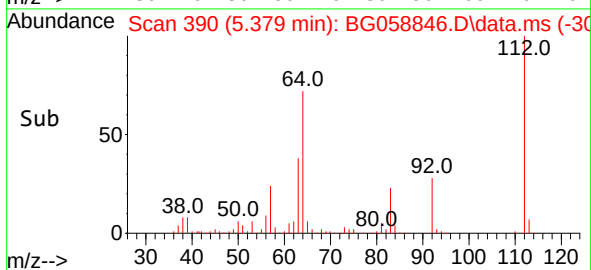
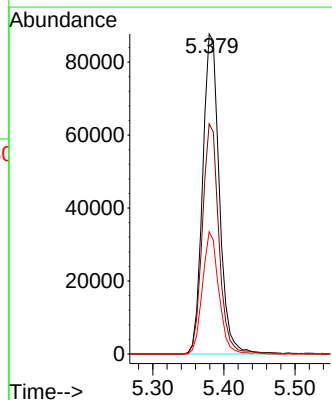
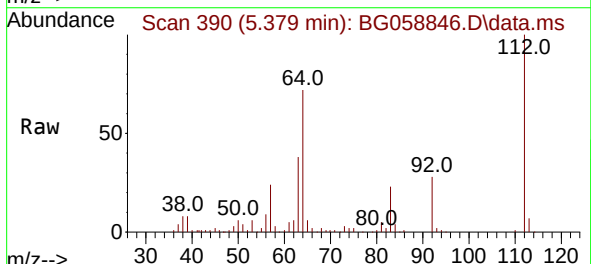
Instrument :
BNA_G
ClientSampleId :
TP-G

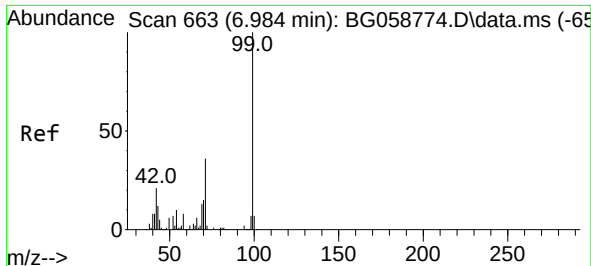
Tgt Ion:152 Resp: 16941
Ion Ratio Lower Upper
152 100
150 159.4 128.6 192.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 136.147 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:112 Resp: 143325
Ion Ratio Lower Upper
112 100
64 71.9 60.6 90.8
63 38.2 31.0 46.4

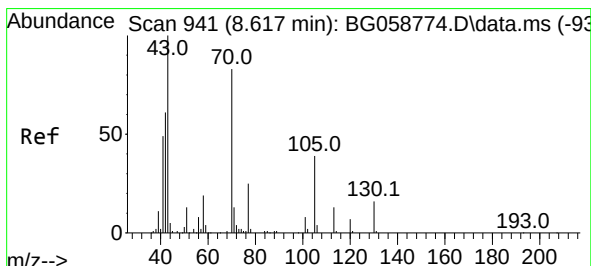
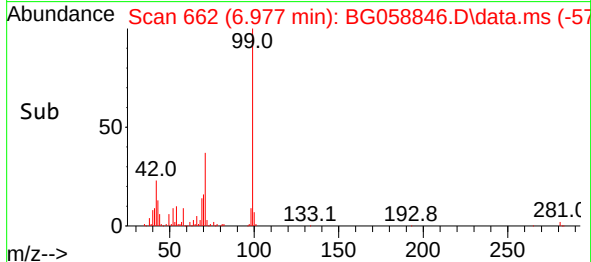
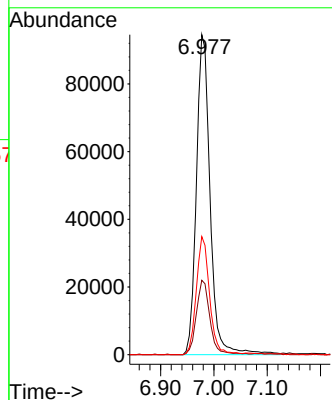
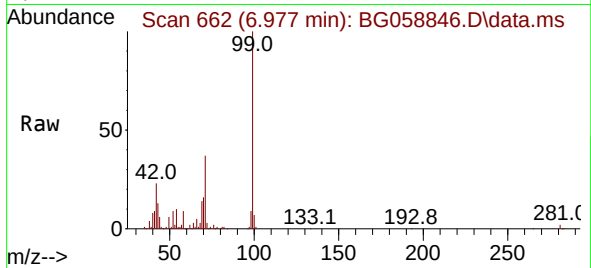




#7
Phenol-d6
Concen: 114.767 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

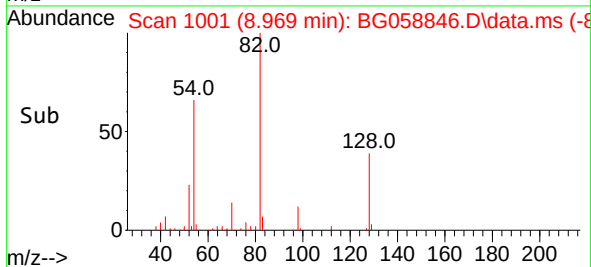
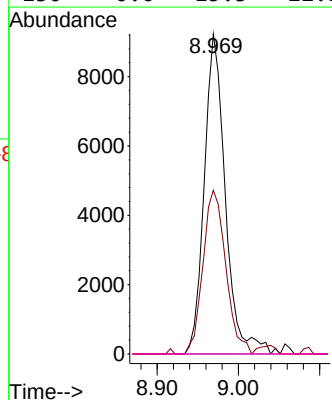
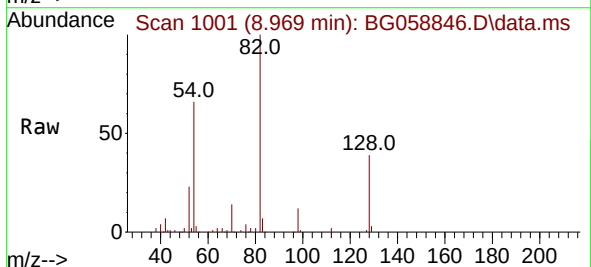
Instrument :
BNA_G
ClientSampleId :
TP-G

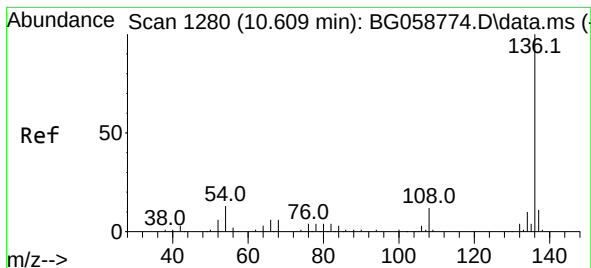
Tgt Ion: 99 Resp: 169509
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 36.9 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.423 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion: 70 Resp: 16634
Ion Ratio Lower Upper
70 100
42 51.1 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

Instrument :

BNA_G

ClientSampleId :

TP-G

Tgt Ion:136 Resp: 69443

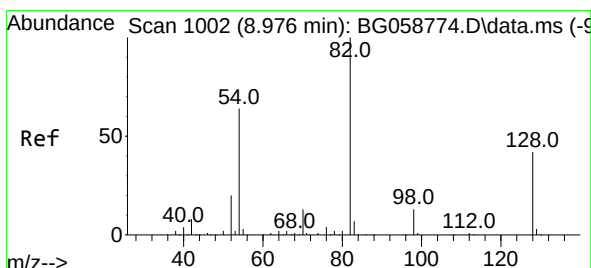
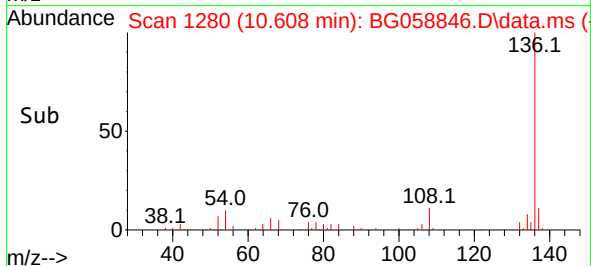
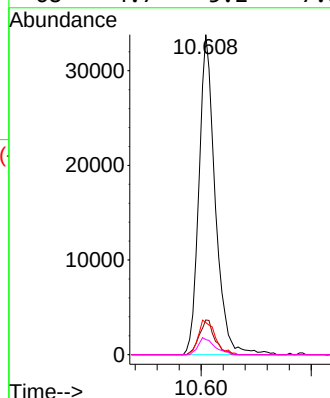
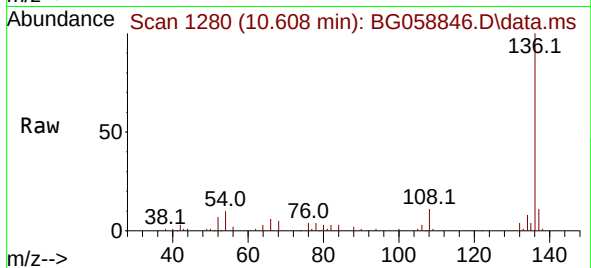
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.0 10.1 15.1#

68 4.7 5.2 7.8#



#23

Nitrobenzene-d5

Concen: 88.090 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.007 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

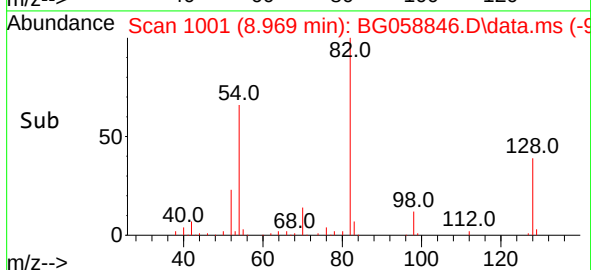
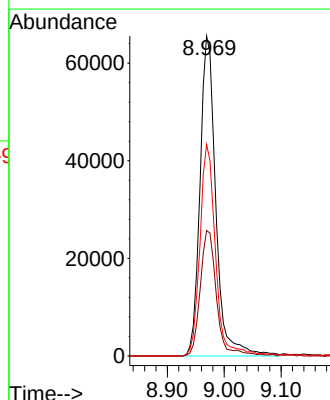
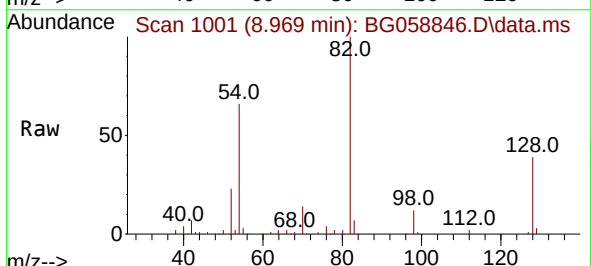
Tgt Ion: 82 Resp: 127237

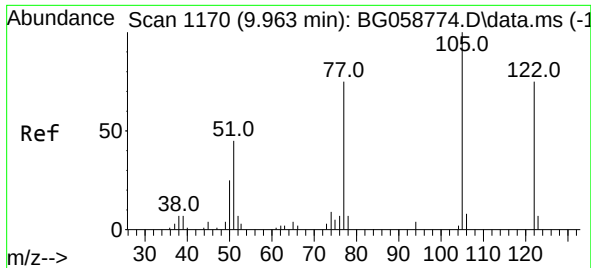
Ion Ratio Lower Upper

82 100

128 39.2 33.2 49.8

54 66.1 51.2 76.8

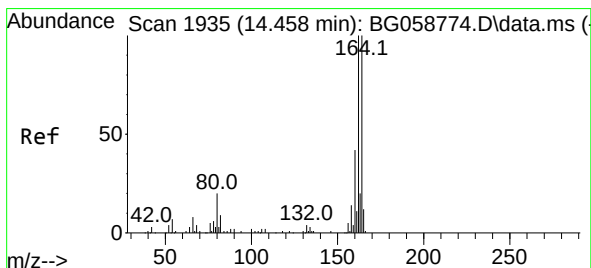
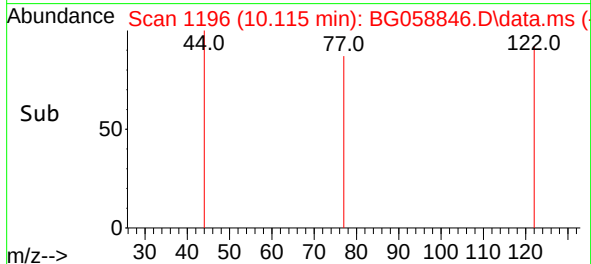
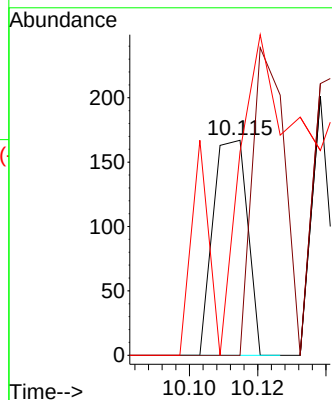
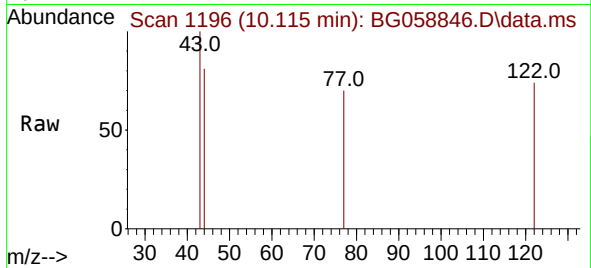




#32
Benzoic acid
Concen: 5.895 ng
RT: 10.115 min Scan# 1196
Delta R.T. 0.152 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

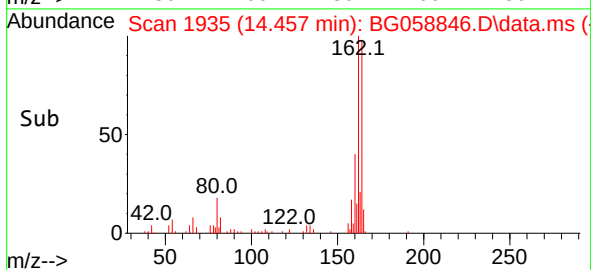
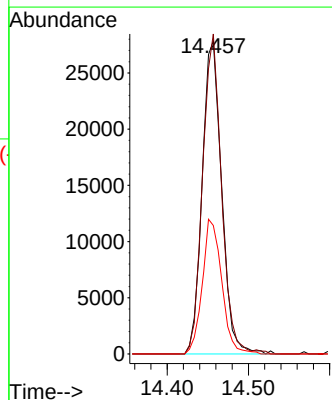
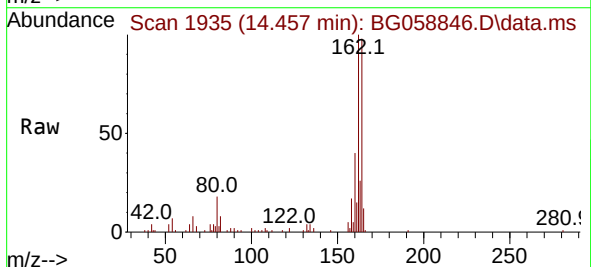
Instrument :
BNA_G
ClientSampleId :
TP-G

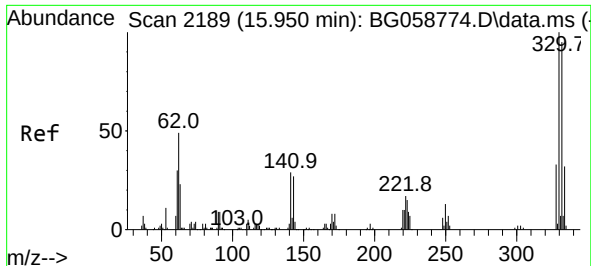
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 0.0 113.6 153.6#
77 94.6 79.7 119.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:164 Resp: 46292
Ion Ratio Lower Upper
164 100
162 102.2 79.6 119.4
160 41.1 34.0 51.0

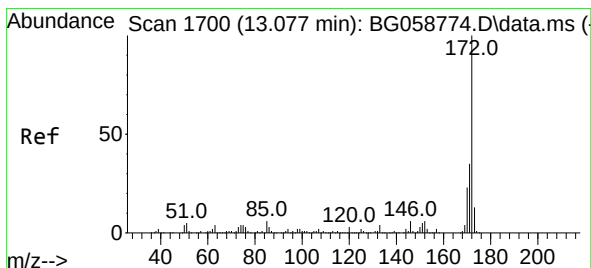
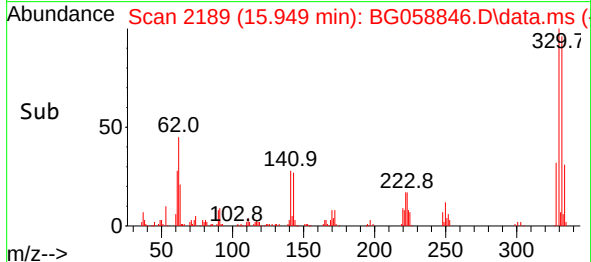
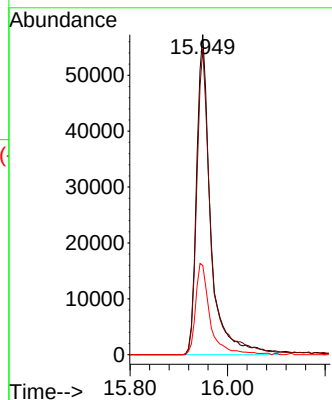
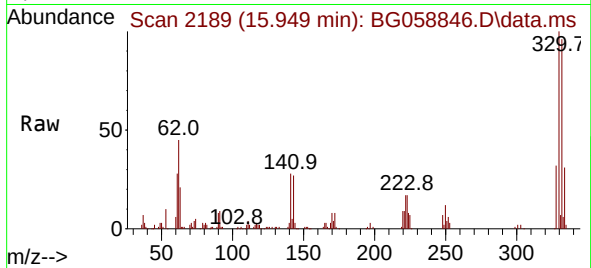




#42
2,4,6-Tribromophenol
Concen: 159.372 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

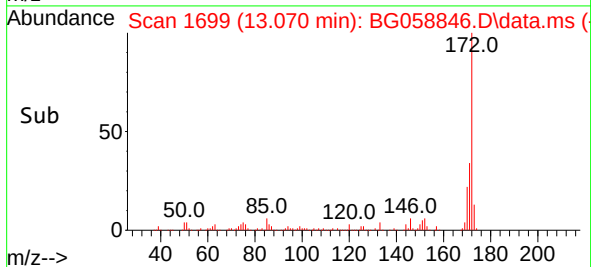
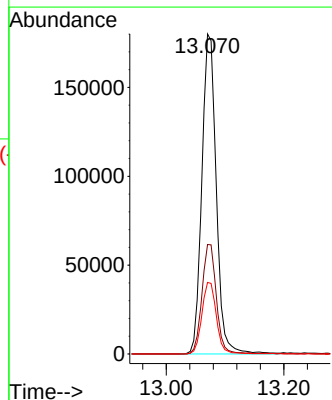
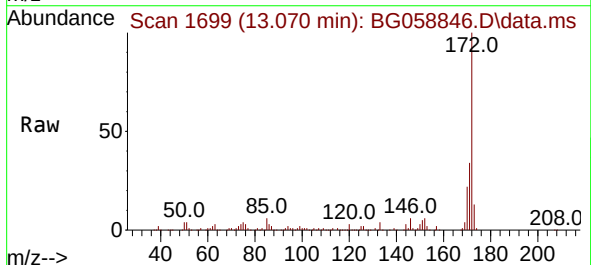
Instrument :
BNA_G
ClientSampleId :
TP-G

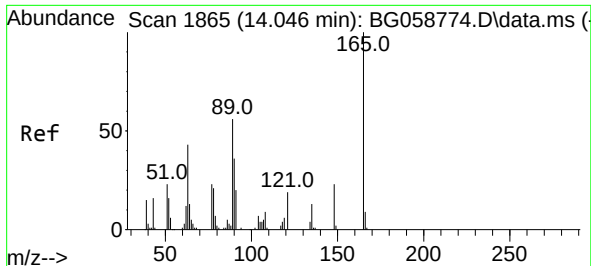
Tgt Ion:330 Resp: 115680
Ion Ratio Lower Upper
330 100
332 95.0 78.5 117.7
141 29.1 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 96.289 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:172 Resp: 306464
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.3 18.6 27.8

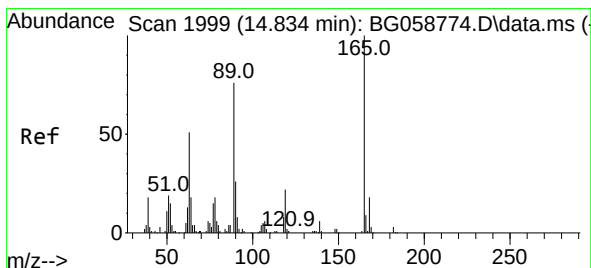
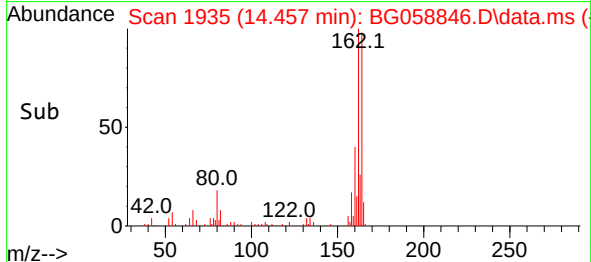
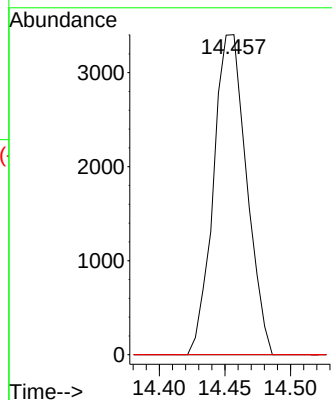
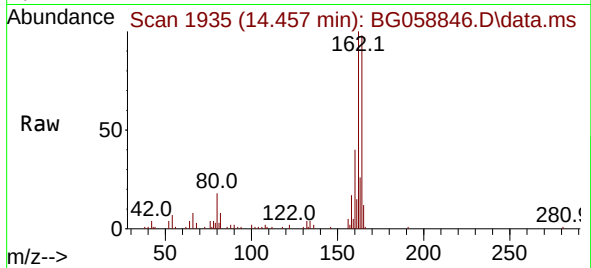




#51
2,6-Dinitrotoluene
Concen: 7.944 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

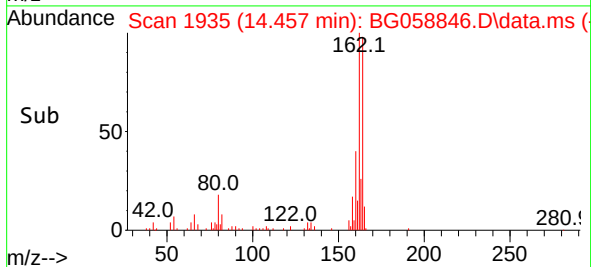
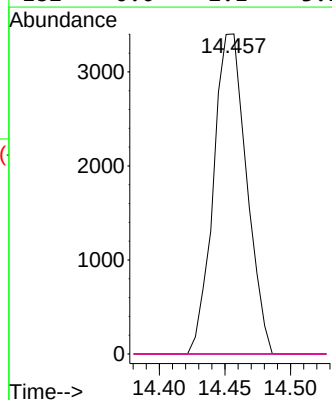
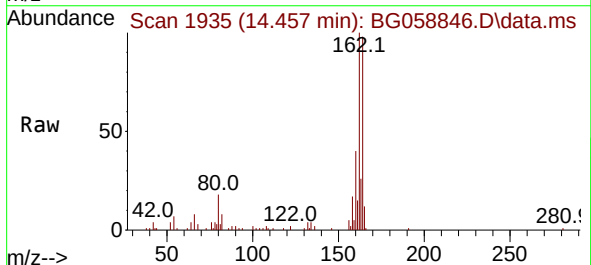
Instrument :
BNA_G
ClientSampleId :
TP-G

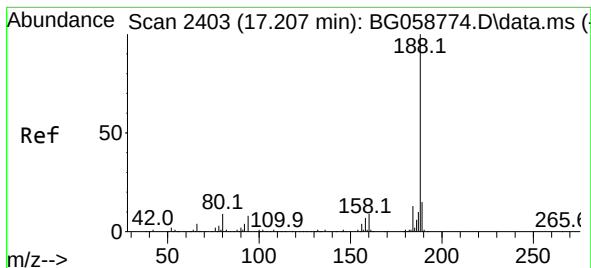
Tgt Ion:165 Resp: 5982
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.377 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:165 Resp: 5982
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2403

Delta R.T. -0.007 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

Instrument :

BNA_G

ClientSampleId :

TP-G

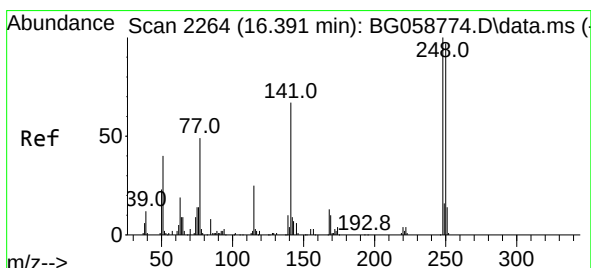
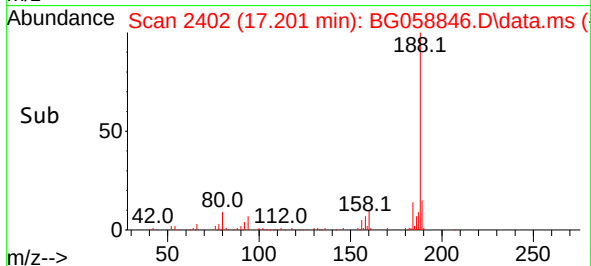
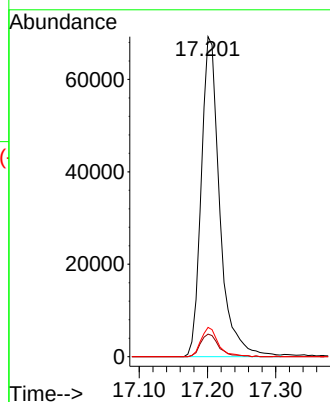
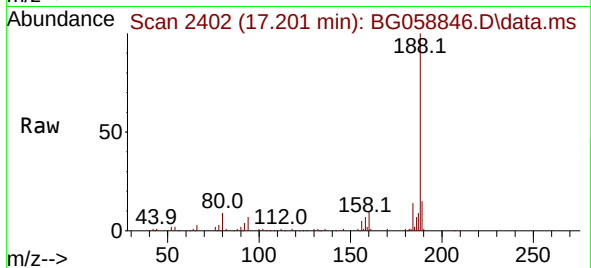
Tgt Ion:188 Resp: 130618

Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

80 9.1 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.089 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.442 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

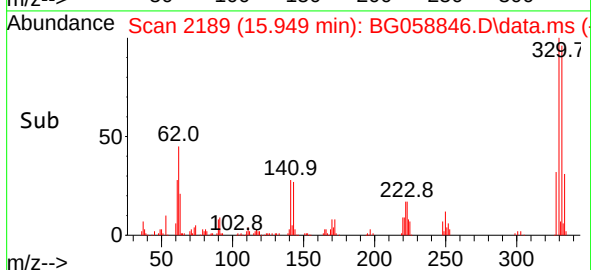
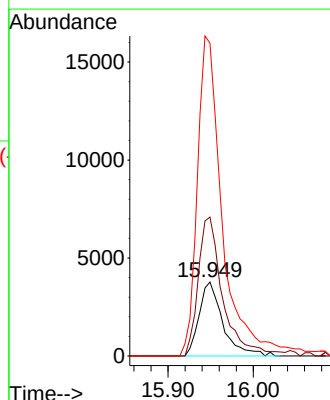
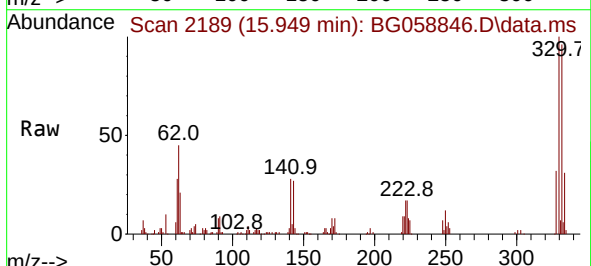
Tgt Ion:248 Resp: 7294

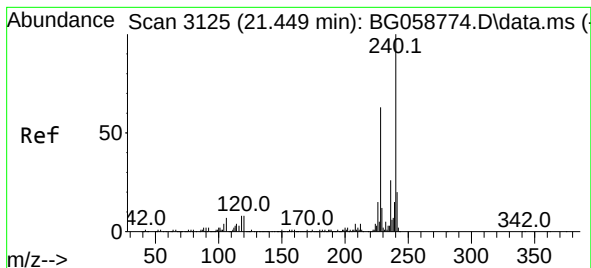
Ion Ratio Lower Upper

248 100

250 188.1 77.7 116.5#

141 423.6 53.6 80.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

Instrument :

BNA_G

ClientSampleId :

TP-G

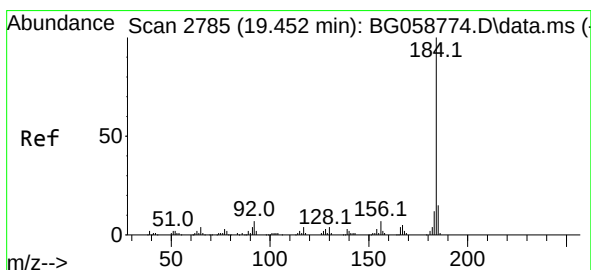
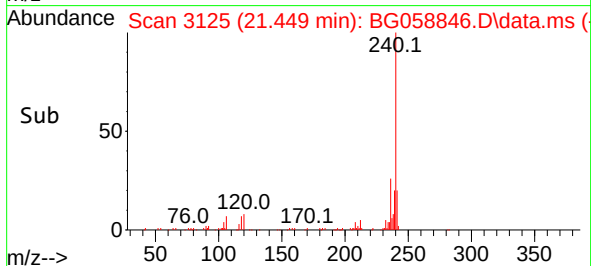
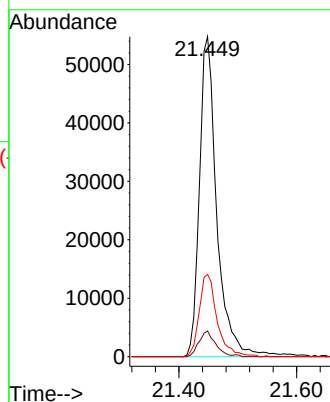
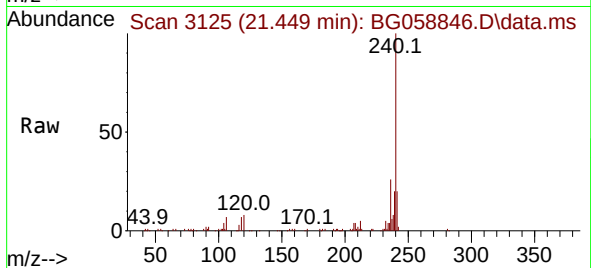
Tgt Ion:240 Resp: 111889

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 25.7 20.5 30.7



#77

Benzidine

Concen: 4.716 ng

RT: 19.821 min Scan# 2848

Delta R.T. 0.369 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

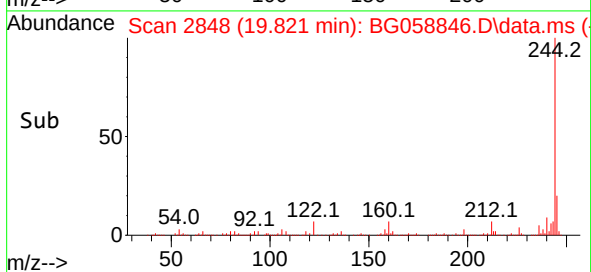
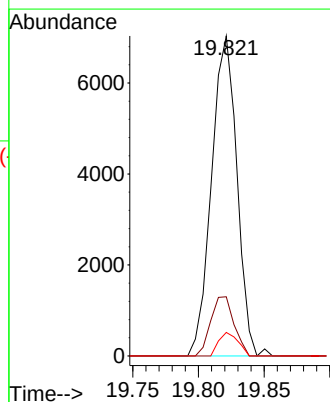
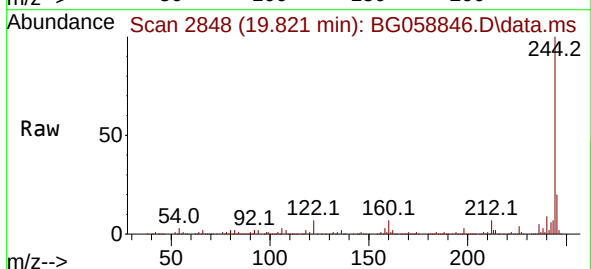
Tgt Ion:184 Resp: 9456

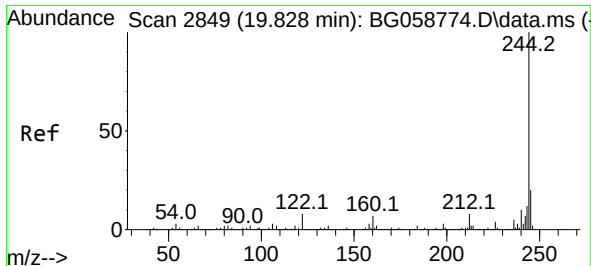
Ion Ratio Lower Upper

184 100

185 18.5 11.9 17.9#

183 7.4 10.0 15.0#

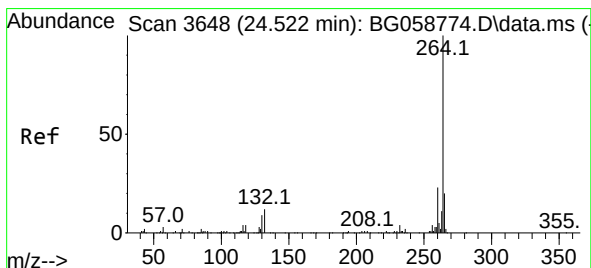
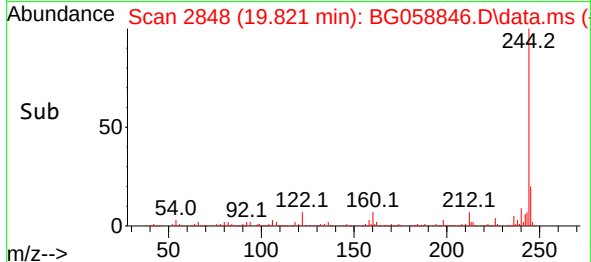
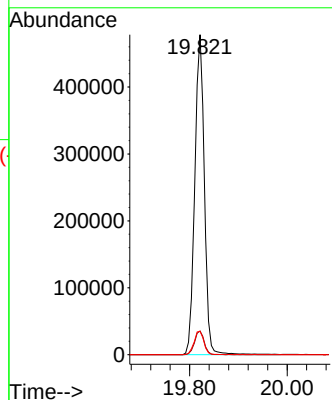
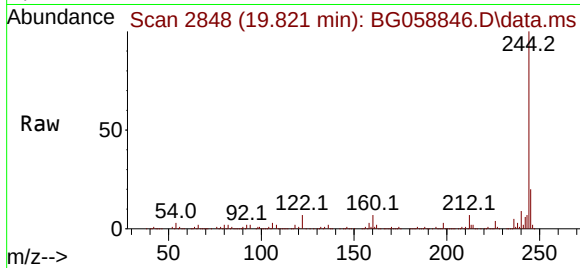




#79
 Terphenyl-d14
 Concen: 105.299 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058846.D
 Acq: 24 Aug 2023 20:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Tgt Ion:244 Resp: 656149
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.3 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.005 min
 Lab File: BG058846.D
 Acq: 24 Aug 2023 20:04

Tgt Ion:264 Resp: 55247
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.5 16.4 24.6

